

THE TECH

CAMBRIDGE, MASS.
TUESDAY, SEPT. 25, 1951
PRICE FIVE CENTS
VOL. LXXI NO. 30

THE OFFICIAL NEWSPAPER
OF THE M.I.T. UNDERGRADUATES

"THE TECH" SMOKER
Tuesday, Sept. 25 at 5:15 p.m.
Litchfield Lounge

Coop Announces Refunds Of 10% On Cash Purchases

Patronage Refunds to be distributed on or after October 15 by the Harvard Cooperative Society for the fiscal year ended June 30, 1951, will be the guaranteed minimum amount of 10 per cent for cash purchases and 8 per cent for charge accounts, according to an announcement made today by Mr. G. E. Cole, President and General Manager.

A comparison of the Technology store's sales figures for the last three years show that this year's total is the lowest with \$652,000. 1950 sales totaled \$663,000 and \$679,000 was reported for the fiscal year 1948-49. Despite higher prices, a two per cent decrease in sales at the local store was attributed to a decrease in enrollment at Technology.

Total sales for both the Harvard and Technology stores for this year amounted to \$3,462,000. This figure shows an increase of \$84,000 over the fiscal year ended June 30, 1950, and \$151,000 over the total sales for 1948-49.

President Cole stated that the year 1947-48 was the most successful due to the flood of veterans at both Technology and Harvard. Mr. Cole has said that the guaranteed minimum of ten percent on cash purchases and eight per cent on charge accounts will be in effect next year.

A ten per cent increase in sales for July and August, 1951 leads Mr. Cole to anticipate a good year despite lowered registration.

The Coop reported 7,753 members for the 1950-51 season as compared to 7,862 for 1949-50.

Atom Defense Needs Stated by Bunker

American cities can evolve effective protective measures against the effects of atomic bombing, John M. Bunker, Dean of the Graduate School of the Institute, says in the current issue of the *Atlantic Monthly*. Bunker envisages sets of atomic defense teams throughout a potential target area so trained that teams around the center of a blast can immediately come to the aid of the stricken area.

The magazine says of Bunker, who is a special advisor to the governor on problems of atomic defense, that "(he) has been a rallying force for Civil Defense in Cambridge." In the article, he scores both those who would plant hysteria in the minds of the public and those who would play down the horror and destruction associated with a bomb blast. He goes on to say that the facts about atomic attack make it plain that "atomic warfare is a type of attack

(Continued on Page 3)

Liquifier For Helium Wins Doctor Collins J. P. Wetherill Medal

For their invention and development of a machine for liquefying helium, called the Collins Helium Cryostat, an Institute professor and his former graduate student and co-worker have been awarded medals by The Franklin Institute.

They are Dr. Samuel C. Collins of Watertown, Massachusetts, recipient of the Franklin Institute's John Price Wetherill Medal, and Dr. Howard Oldford McMahon of Lexington, Massachusetts, recipient of the Edward Longstreth Medal.

Announcement of the awards was made by Dr. Henry B. Allen, executive vice president and secretary of the Franklin Institute, who said that the scientists were being hon-

(Continued on Page 2)

Acquaintance Dance At Morss Hall This Friday

Girls—350 of them—and music by George Graham's orchestra will be featured at the annual All-Tech Acquaintance Dance this coming Friday, September 28. The dance is sponsored by the Catholic Club, but girls of all faiths have been invited.

Traditionally one of the most successful of Tech's acquaintance dances, this year's party promises to be one of the best yet, according to John Welch '53, Chairman of the Dance Committee. Technology Sales will be matched with those at the girls' schools to assure a good male-female balance. The dance this year will be the first of the season in Morss Hall.

Nutones Will Play

Refreshments will be served during most of the evening. Entertainment at intermission will be provided by Ed Kerwin and his guitar, both well-known here at the Institute, and by the Nutones, an organization which was just formed this summer, and hence is the newest of the Tech musical groups. The Nutones is an instrumental group, and features Dixieland jazz and swing music.

Girls from 18 Boston Area schools have been invited to the dance. These schools include Simmons, Wellesley, Radcliffe, Boston University, P.A.L., Sargent, Lesley, Boston Teachers College, Regis, Emmanuel, and Salem Teachers College. Many secretaries from the Institute are also expected.

Ticket manager Welch is be-

(Continued on Page 2)

Dr. Edgerton's Stroboscope Slows Down Birds, Bullets



Pictured above is Dr. Edgerton of the Institute staff who is famous for his stroboscopic studies.

By ED EIGEL

"Confucius or one of his fellow distributors of wit and wisdom once made a remark to the effect that unless work was well seasoned with recreation, a personality would soon lose its luster. Most of the professors here at Tech are faithful followers of this philosophy, although at times the line between work and hobby becomes very faint.

1951 Grads Have No Job Troubles; Service Gets 15%

At least ninety-eight per cent of last June's graduates have accepted positions in industry, the service, or graduate school, according to a report from the Student Placement Bureau. Of these, 81% were placed before graduation. The armed forces have claimed about 15% of all those placed.

Starting salaries for those with bachelor's degrees covered a wide range, averaging about \$310. Master's degrees commanded upwards of \$330, and Doctor's degrees from \$450 on up.

This year's 98% figure is an impressive increase over last September's total of 83%. This increase, however, reflects more adequate coverage of the graduates by the Placement Bureau, as well as more widespread use of the facilities of the bureau by the graduates.

The outlook for February and June graduates this year should be equally good, according to the bureau. Industry representatives will begin to arrive in October. Anyone interested may meet these representatives by contacting the Student Placement Bureau, Room 1-173.

Dean Bunker Summarizes Grad Student Deferments

At the first Graduate School Convocation held last Friday, Dr. John W. N. Bunker, Dean of the Graduate School, summarized the present policy of the Selective Service System for the deferment of graduate students. This policy is based on Operations Bulletin No. 46 issued from National Headquarters, Selective Service System, on August 17.

Grad Student Certification

In explaining the policies governing deferment of graduate students, Dean Bunker said that the latest bulletin reads in part: "certification of full-time graduate

student status shall be the responsibility of the graduate dean . . . in each school. In general, such certification shall be based on the fact that the student is devoting himself primarily to graduate study and is progressing through his program at the normal rate which will permit completion of the requirements for the master's degree in not more than two calendar years and for the doctoral degree in not more than four calendar years of graduate study beyond the bachelor's degree."

Although, the bulletin adds, "the above definition should not include the activities of persons employed primarily as teachers or research workers who may at the same time be enrolled in a few graduate courses," it does permit, Dean Bunker states, recognition of full-time graduate status by the proper combination of graduate study with teaching, assisting, research, or similar part-time training normally relevant to professional progress.

Graduate students who have particular problems in respect to

(Continued on Page 2)

British Professor Discusses Molecules

"Theories of Molecular Structure" will be the subject of a talk to be given by Sir John Lennard-Jones, Plummer Professor of Theoretical Chemistry in the University of Cambridge, England, at a special staff seminar of the Department of Chemistry next Monday afternoon at 4:30 p.m., in room 6-120.

A Fellow of the Royal Society and a recognized authority in the field of molecular structure, Sir John Lennard-Jones is also well known for his contributions to the theories of intermolecular forces and of the structure of crystals and liquids.

In view of Sir John's eminence in his field, all interested are invited to attend.

Remodeling of Walker Dining Hall And Grad House Lobby Planned

300 At East Campus Get Contract Meals; 95% Are Freshmen

Three-hundred students have signed up for the new Commons feeding system at Walker Memorial. Of these 300, it was estimated that ninety-five per cent are freshmen, living at East Campus and required to eat on campus. According to the Dining Service office, every day several more upper classmen sign up for contract feeding.

There are 660 residents in East Campus, or these, 360 take their evening meals off campus instead of eating under the commons system. Because more freshmen are living at East Campus than are eating under the commons system, there will probably be a checking of the rolls for possible truants.

The Dining Service is very happy with the way the new system is proceeding. So far, they announce, no complaints have been voiced.

Plans Drawn By Prof. H. Beckwith, Designer Of Jackson Room

Sixty-three thousand dollars worth of redecorations have been planned for Walker Memorial Dining Hall and the lobby of the Graduate House. Work has already begun in the serving room with the construction of an air-catch and ventilating system, running the length of the food counter. As yet, only five of the needed 63 thousand has been appropriated so much of the work has been postponed.

Plans for the remodeling of Walker Memorial include the complete redecoration of the dining room, coat room, and serving room. All the chairs in the dining room will be reupholstered, the tables refinished, the walls repainted. The architect, Professor H. L. Beckwith, hopes to effect a warm and friendly atmosphere with the use of bright colors. He is studying the possibility of further changes in the dining hall.

The coat room will be remodeled and permanent racks for books and coats will be built. The entrance to the serving room will be cut through the coat room so that lines will form in the coat room instead of the dining hall.

Changes for Grad House

The Graduate House lobby will be changed into a modern lounge.

The business desk and telephone switchboard now in the middle of the lobby will be moved to room 110 so that there will be more room for the new lounge. Plans call for new lights, rugs, and furniture in much the same style as the Jackson Room, also designed by Professor Beckwith.

A large picture window will be installed in the back of the lobby to give the room more light. The window will look out on the back entrance which will be remodeled and landscaped. The new back entrance will be a glassed-in concrete ramp of simple lines.

Work on the Graduate House will not be started until next summer.

Fulbright Group Makes Two Additional Awards To Technology Students

The Institute's Fulbright Committee has received notice from the United States Department of State of the award of scholarships for foreign study to two Technology students.

Eugene Sumner Rubin of Waltham, Massachusetts, will study engineering at the Imperial College of Science and Technology, University of London, London, England, and Robert Norton Noyce of Sandwich, Illinois, will study physics at the University of Paris, Paris, France.

These grants bring to eight the total Fulbright scholarships awarded M.I.T. students for the academic year 1951-1952.

The award is made by the Department of State under the provisions of Public Law 584 (79th Congress), the Fulbright Act. It

(Continued on Page 4)

The Tech

VOL. LXXXI

TUESDAY, SEPTEMBER 25, 1951

NO. 30

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News, Editorial and Business—Room 920, Walker Memorial, Cambridge 39, Mass.
 Telephone: KIRKland 7-1881.
 Business—Room 335, Walker Memorial, Telephone: KIRKland 7-1881.
 Mail Subscription \$3.75 per year, \$6.00 for two years.
 Published every Tuesday and Friday during college year, except during college vacation,
 under the Act of March 31, 1879.
 Represented for national advertising by National Advertising Service, Inc., College
 Publishers Representative, 420 Madison Ave., New York, N. Y.

Night Editor: Gilbert R. Steinberg, '52

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CALENDAR OF EVENTS

SEPTEMBER 26 TO OCTOBER 2, 1951

WEDNESDAY, SEPTEMBER 26

Nautical Association. Shore School. September 24-October 5, Monday
 through Friday. Room 2-390, 5-6 p.m.
 Pershing Rifles. Smoker. Tyler Lounge, Walker Memorial, 5:00 p.m.
 Staff Players of M.I.T. Supper Meeting and Play Reading. Emma
 Rogers Room, Room 10-340, 6:15 p.m.

THURSDAY, SEPTEMBER 27

Physics Department. Colloquium: "Positronium." Professor Martin
 Deutsch. Room 6-120, 4:15 p.m.
 Glee Club. Rehearsal. Room 2-190, 5-6 p.m.
 Electric Railroaders' Association. Film. Room 7-103, 5:15 p.m.

FRIDAY, SEPTEMBER 28

Mechanical Engineering Department. Seminar: "Defining Efficiencies
 for Engineering Processes." Professor Joseph H. Keenan. Room 3-370,
 4:00 p.m. Coffee from 3:30 to 4:00 p.m. in Room 3-174.

MONDAY, OCTOBER 1

Symphony Orchestra. Rehearsal. Walker Memorial, 7:30 p.m.

TUESDAY, OCTOBER 2

Glee Club. Rehearsal. Room 2-190, 5-6 p.m.
 Choral Society. Rehearsal. Room 2-190, 7:30 p.m.

EXHIBITIONS

An exhibition of Design for the Sea is being shown in the Lobby
 of Building 7 through October 8.

An exhibition of paintings and drawings from the Standard Oil
 Company Collection is on display in the New Gallery, Charles Hayden
 Memorial Library, Monday to Friday through October 8, from 10:00 a.m.
 to 5:00 p.m.

Photographic Salon prints by William F. Small of Newburgh, New
 York, will be on display in the Photographic Service Gallery, Basement
 of Building 11, from October 1 to October 15.

CALENDAR OF EVENTS

The Calendar of Events appears in THE TECH on Tuesdays with
 announcements for the following week. Notices, typewritten and signed,
 must be in the Office of the Editor, Room 7-204, not later than noon
 on Thursday prior to the date of publication. Material for the Cal-
 endar of October 3-October 9 is due September 27.

Liquid Helium

(Continued from Page 1)

ored "in consideration of the inven-
 tion and subsequent development
 of the first liquefier of helium to
 operate without the aid of external
 refrigerants, an admirably de-
 signed, reliable machine which is
 produced in quantity and has
 materially increased the number
 of laboratories and persons engaged
 in work at ultra low temperatures."

Formal presentation of the
 medals to Dr. Collins and Dr. Mc-
 Mahon will take place at tradi-
 tional Medal Day ceremonies in
 Franklin Hall, Philadelphia, on
 October 17.

The Collins Helium Cryostat,
 developed within the past decade,
 produces liquid helium by driving
 an engine to do external work, pre-
 cooling the oncoming stream in
 a heat exchanger with the dis-
 charge from the engine, and finally
 employing the cooling Joule-
 Thomson effect.

As of August, 1951, 37 of these
 machines had been installed in
 laboratories in the United States,
 Canada and Europe, and four more
 were being built.

Dr. Allen, in announcing the
 awards, stated that the Collins
 Helium Cryostat has made liquid
 helium available to many scientists
 who would not otherwise have been
 able to experiment at these low
 temperatures, and that it is con-
 sidered the most important contri-
 bution to cryogenic technique—the
 making of low temperatures—since
 the original liquefaction of helium
 by Kammerlingh Onnes in 1908. Pre-
 vious to its development, workers
 with liquid helium were obliged to
 build their own liquefiers. Dr. Collins
 and his former graduate student
 and co-worker Dr. McMahon have
 together developed a liquefier that
 is being produced in quantity and
 at moderate cost. It can be deliv-
 ered to a laboratory, set up in a
 room of moderate size and put into
 operation in less than a week.

AS SEEN FROM HERE

by DAVID N. WEBER

"BILLY BUDD"

Like many of the Greek tragedies
 "Billy Budd" is a play of eternal
 truths. Good and evil, light and
 dark are characters of the play as
 well as the sailors who tread the
 deck of the H.M.S. Indomitable.
 With this dramatization of Herman
 Melville's novel by Louis C. Cox
 and Robert Chapman, a major
 work has been added to the litera-
 ture of the theatre.

The story is a simple one, deriv-
 ing its impact from this very sim-
 plicity. Billy Budd, a young sailor,
 has been impressed onto a British
 ship sailing in a war zone at the
 end of the Eighteenth Century.
 Because of his ability to charm
 others and win friends he draws
 the hatred of the merciless Ser-
 geant-at-Arms, Claggart. In his
 attempt to destroy Budd, Claggart
 accuses him of inciting mutiny
 among the crew. Faced with this
 false accusation, Budd accidentally
 kills the Sergeant-at-Arms. After
 a trial by the officers of the ship,
 Budd is sentenced to death.

Budd, the epitome of purity and
 goodness, hangs because the world
 cannot tolerate too much perfec-
 tion. Probably the most tragic fig-
 ure of the play is Captain Vere, who
 realizing that by every law of hu-
 man nature Budd is innocent,
 must don his cloak of authority and
 on referring to the Naval Orders of
 War force his fellow officers to re-
 verse their verdict. In answer to

Budd's plea to understand what is
 happening to him, Vere can only
 answer "the world demands, not
 justice but order."

As good and evil destroy each
 other there is left only an uneasy
 compromise. It is this compro-
 mise that we live every day, accept-
 ing it for what it is, an excuse for
 the perversity of man.

For those who have not yet made
 a visit to the Brattle Theatre there
 is a pleasant evening in store for
 them. The theatre is on the order
 of those used for summer stock
 productions. There is a small bal-
 cony and any seat in the house af-
 fords a clear view of the stage.
 While prices range from \$1.20 to
 \$2.40, we have found the best buy
 to be in the \$1.80 range.

CAST

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 Claggart PETER TEMPLE
 Butler JOHN BOYT

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Acquaintance

(Continued from Page 1)

ing assisted in arranging the
 dance by Robert Mann, G., who is
 in charge of chaperons, and Edwin
 Eigel '54, who is handling publicity.
 Entertainment is being taken care
 of by Welch and Roman Chapel-
 sky '52 in charge of decorations.
 Tickets for the dance are on sale
 in the lobby of Building 10. The
 admission price is \$1.25, tax in-
 cluded. Tickets will also be sold
 at the door.

Grad School

(Continued from Page 1)

certification of status should seek
 the advice of their graduate registra-
 tion officers or the proper admini-
 strative officers in the graduate
 school.

Talbot CARL ELLIOTT
 Kincaid SID MICHAELS
 O'Daniel RICHARD KILBRIDE
 Payne GEORGE CLARK
 Gardiner BRYANT HALIDAY
 Billy Budd JOHN KERN
 Squeak AL DUCLOS
 Ratcliff JOHN LASELL
 Captain Vere JERRY KILTY
 Seymour EARL MONTGOMERY
 Wyatt ED FINNEGAN
 And members of the crew—
 ARSEN CHARLES, CHARLES POLK,
 FRANK GARDNER

FOR THAT WELL-
 GROOMED LOOK

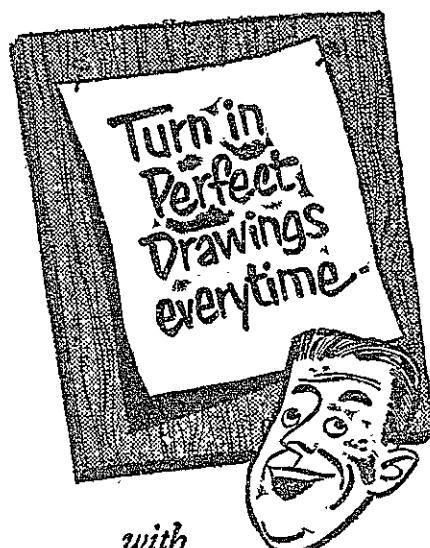
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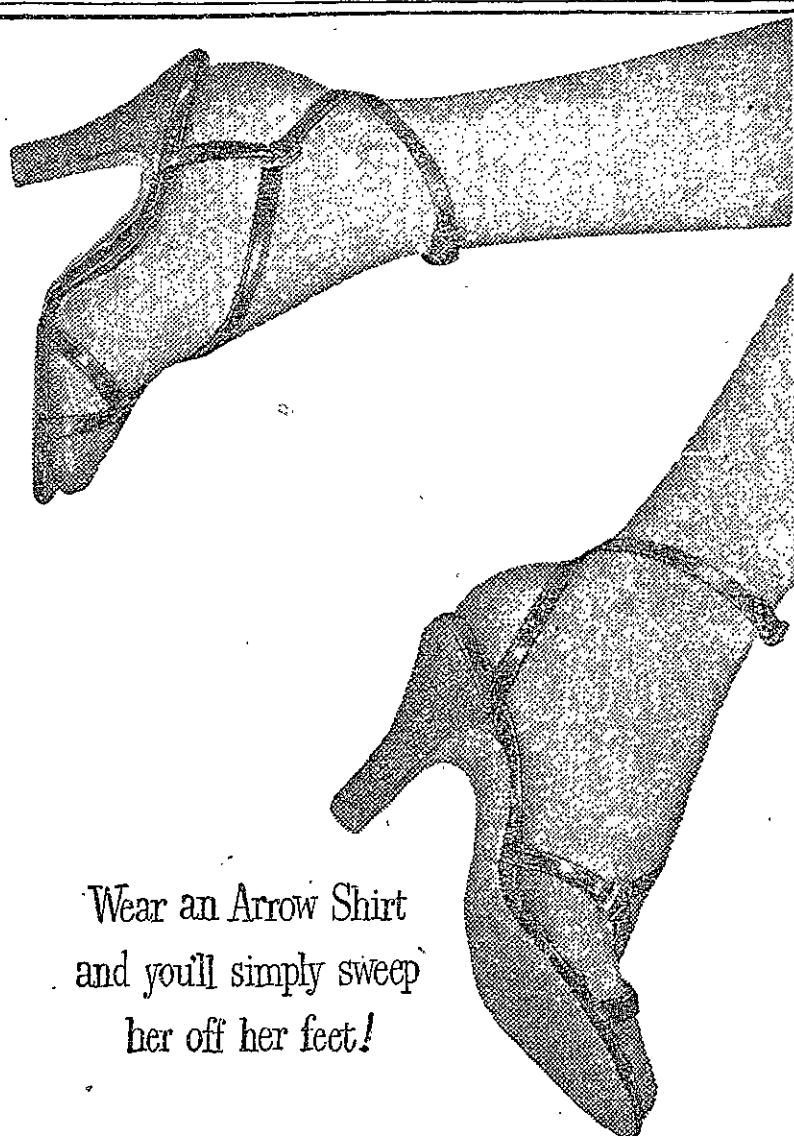
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AT THE

Technology Store

Freshmen—Sophomores Prepare For Coming Event

With the Field Day rallies at an end and the turnouts running from satisfactory to excellent in the different activities, the future participants in that great day have gotten under way with their practices. A brief rundown of these events as seen through the eyes of our roving reporter are as follows:

The football teams, both Frosh and Sophomores, have scheduled duels to help put them in shape for their coming match. The Sophs will tangle with Lawrence Academy on the 13th of October at Briggs Field and their second game will be against Tabor Academy on the 20th of October at Tabor's home grounds. The Frosh will be playing Thayer Academy on that same day here at Briggs Field. A second

match is now in the making and will be announced shortly.

The swimming picture looks fairly promising for the Sophomores if we recall their record last Field Day when they swamped their opponents. However, the Frosh will have some surprises in store with the material '55 has on hand.

Crew practice has gotten under way with both teams already having had a few workouts under their belts. They have already taken to the Charles in the 18-man barge used for the first few sessions. It will be a while before definite teams will be picked. It might be mentioned here that the coaches are on the lookout not only for men to

(Continued on Page 4)

Beaver Soccer Gets UnderWay; Schedule Includes 11 Contests

With a tight October and November schedule coming up, Tech's soccer team is hard at work getting into shape to meet some powerful competition.

The opening game is at home with M.I.T. scheduled to play Brown University on Wednesday, October 10. On Saturday, October 13, the squad travels to Hartford to meet Trinity College and on the following Saturday the Beavers will again be away, this time to battle Amherst. Tufts will visit here on October 24, then Tech will be away for the next two games which are to be against R.P.I. and Harvard on the 27th and 30th of October, respectively.

Two home games, one against

(Continued on Page 4)

Champ Rifle Team Readies, Loses Six Varsity Members, To Meet Maryland Again

Tech's championship rifle team which last year swept the National Intercollegiate Rifle meet with a phenomenal new record of 1437 and placed three men on the All-American Rifle Team faces the new season with the loss of six of the ten men on the varsity. Two of the graduates, Mel Bower and Herb Voelker were all-American.

A sturdy nucleus of four of last year's varsity together with seven members of the former Freshman team will compose the

new squad. Newly elected Capt. Al Tanner who incidentally was one of the three All-Americans, and Gene McCoy, Arthur Auer, and Sarkis Zartarian of the first team plus Krisda Aruzongse, from Slam, Charles Burnham, Jim Crewe, from Canada, George Dormer, Carl Eirikson, an Icelander, Ed Heist, Phil Rane, Bob Reichard, Everett Tooley, and Carlos Roggera from Peru will compose a tentative squad.

Rifle Rally

A rifle rally for all interested freshmen will be held some time during the first week in October, the exact time and place to be announced later. The first tryouts and practice session will take place in mid-October and informal meets with various teams in the Boston area will follow.

Though a definite schedule has not yet been established, the opening intercollegiate match will probably be in December. The Beaver team is to meet such powerful contenders as Harvard, Navy, Army and Maryland (from whom the Techmen wrested the National title last year) and some New York and Washington teams in a southern tour.

Though partially handicapped by the loss of valuable varsity men the team does have a good potential which should permit some exciting matches for the coming season.

Bunker

(Continued from Page 1)

about which something definitely can be done."

Bunker goes on to outline the facts about the three essential characteristics of atomic bombing: the blast effect, flash heat, and nuclear radiation. He points out that we have only a little knowledge about each characteristic and warns against sweeping generalizations such as were made after the Eniwetok tests. A little knowledge is better than none, he adds.

Civil defense is analogous to fire insurance, Bunker feels: the loss which would be incurred without it is far too great to ignore. "What happened to the unprepared inhabitants of the two bombed Japanese cities could never happen here, if we have such insurance," he concludes. "Preparation for mutual assistance and on an extensive scale is the premium we are asked to pay for this mutual insurance."

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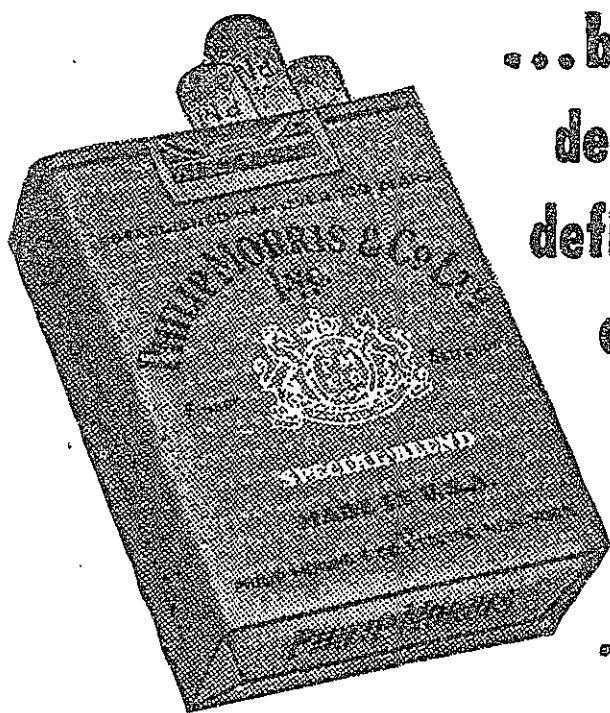
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Here's another instance where the Patronage Refund is very important

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The COOP wishes to emphasize the fact that members of the Technology Store may purchase gasoline and oil for their cars and obtain a Patronage Refund thereon. A Patronage Refund is also paid on the charges for washing and greasing. To the drivers of cars, this represents a saving that is well worth while and you are urged to visit this Authorized TECH Store Gas Station.

Technology Store Gas Station

218 MAIN STREET

AT KENDALL SQUARE ROTARY

Mobilgas

Patronage Refund to Members

Field Day

(Continued from Page 3)

participate in the Field Day event, but for men eligible for Frosh varsity, heavy and light.

Track is being handled entirely by Oscar Hedlund and, as for Tug-of-war, the schedule turnout has yet to be announced.

Rallies

The assistant manager in charge of rallies for Field Day has announced that three freshmen and two sophomore rallies will be held in the few weeks preceding Field Day. The schedule for these rallies is as follows:

Freshman rallies:
Fri., Sept. 28 5:00-6:00 p.m.—Rm. 6-120
Fri., Oct. 5 5:00-6:00 p.m.—Rm. 10-250
Fri., Oct. 19 5:00-6:00 p.m.—Rm. 6-120
Sophomore rallies:
Tues., Oct. 2 5:00-6:00 p.m.—Rm. 10-250
Tues., Oct. 16 5:00-6:00 p.m.—Rm. 10-250

The freshmen should take note that Oscar Hedlund, track coach at M.I.T., will be on hand at the September 28th rally to speak about previous Field Days at the Institute. Representatives of the Class of 1954 will also attend to make a presentation to the freshman class. This presentation is something worth seeing by every freshman at the Institute. It is guaranteed that this first rally will prove very inspiring to the freshmen.

Edgerton

(Continued from Page 1)

able to take pictures at a few millionths of a second exposure time, Dr. Edgerton has provided science with a powerful weapon in the fight against the mysteries of nature.

Shock Waves Timed

The stroboscope, which in simple terms is a light flashing on and off very quickly, is actually an old instrument. It had been undeveloped, however, until Dr. Edgerton became interested while a graduate student here at the Institute. Under his able guidance, the stroboscope has grown to its present position of prestige. And with it have been developed many similar and supplementary machines which all are great aids in the study of light and allied sciences.

Dr. Edgerton, who is never satisfied with things as they are, is always looking for ways of improvement. He is now working on an electronic shutter which will out-run even his stroboscope.

Roaming Apparatus

In his three-room office and laboratory, Dr. Edgerton carries on his experiments with the aid of three or four graduate students interested in his work. His well-stocked supply of apparatus is continually being rotated among his fellow professors who borrow the instruments for their own work. His lending library of apparatus is one of the busiest in the Institute, and complete records of all loans are kept. For as Dr. Edgerton says, it's much better to have such instruments in use, than merely lying around the laboratory.

Soccer

(Continued from Page 3)

Connecticut on November 3 and another with Worcester P.I., which incidentally will be the last game of the year will serve to finish the schedule.

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Fulbright

(Continued from Page 1)

is one of approximately 750 grants, including 100 State Scholarships, for study abroad which are a part of the Fulbright program for the academic year 1951-1952. As provided by the Act, all students are selected by the Board of Foreign Scholarships, the members of which are appointed by the President. Students are recommended by the campus Fulbright committees and by the Institute of International Education.

This latest announcement brings to ten the number of graduate students and alumni who have received United States Government Grants for study abroad in 1951-52 under the Fulbright Act. Five of these students are from New England, three of them from greater Boston. The eight previous M.I.T. Fulbright appointments were:

1. Robert Dudley of Auburndale, Mass., to study medical physics at Hammersmith Hospital, the Uni-

versity of London, England.

2. Thomas F. McNulty of Cambridge, Mass., to study architecture at the Superior Institute of Architecture, Venice, Italy.

3. James McKenna of Lebanon, New Hampshire, to study mathematics at the University of Edinburgh, Scotland.

4. Charles N. Winnick, an alumnus, of Hartford, Connecticut, to study organic chemistry at the University of Paris, France.

5. Leroy N. Blumberg of Atlantic City, New Jersey, to study physics at the Technical College, Delft, The Netherlands.

6. John Fox of Huntington, West Virginia, to study physics at the University of Groningen, The Netherlands.

7. Murray Sirkis of Washington, D. C., to study physics at Christ's College, the University of Cambridge, England.

8. Christopher Walker of Collierville, Tennessee, to study physics at the University of Paris, France.

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REMINDER

Patronage Refunds are paid on purchases made in the Harvard Square Store by Tech Store Members. Use your charge account card if desired.

The COOP

NOTICES

S.A.M.E. Meeting

Military engineering activities in Korea this past summer will be the subject of a film to be shown at the organizational meeting of the M.I.T. Student Branch of the Society of American Military Engineers. The meeting will be held today at 5:00 p.m. in Room 20-E-011. All members of the society and any advanced course ROTC students are invited.

Pershing Rifles Smoker

The National Honorary Society of Pershing Rifles will hold a smoker in Tyler Lounge, Walker Memorial, at 5 p.m. on September 26. All freshmen and sophomores interested in the

Society are invited. Refreshments will be served.

T.C.A. Freshman Smoker

Technology Christian Association will hold its annual freshman smoker this Thursday afternoon at 5:00 p.m. The smoker will be held in the T.C.A. office, Walker Memorial. Refreshments will be served.

Catholic Club Meeting

Doctor Frederick Rosenheim, practicing psychiatrist, will speak at the Wednesday's meeting of the Technology Catholic Club. The meeting open to all students and will be held at 5:00 p.m. in Room 2-190. The topic is "Loving God."

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